

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (currently amended) A controlled display system comprising:
2 a video display;
3 a video controller coupled to said video display and being responsive to an input;
4 a remote unit;
5 a pointing device, mounted on said remote unit, said pointing device being
6 capable of generating a signal corresponding to motion by an operator on said pointing device in
7 two directions and providing said signal corresponding to said motion to said input, wherein said
8 motion by an operator on said pointing device correlates with a cursor movement in said video
9 display, said two directions including a first direction and a second direction;
10 said video controller being configured to display a menu, said menu including
11 volume and channel, and to select among a plurality of functions on said menu in response to a
12 signal generated which corresponds to motion by the operator on said pointing device in the first
13 direction, and to vary a value of a selected function in response to a signal generated which
14 corresponds to motion by the operator on said pointing device in the second direction,
15 wherein said menu items are vertically arranged on said display; and
16 selection of a menu item activates a horizontal display corresponding to values of
17 the selected menu item.

1 2. (canceled)

1 3. (original) The system of claim 2 wherein deactivation of said pointing device
2 selects a value for a selected function.

1 4. (original) The system of claim 1 further comprising:
2 a pointing surface on said pointing device;

3 means, connected to said pointing surface, for detecting contact with said pointing
4 surface and, responsive thereto, sending an activation signal to said video controller; and
5 said video controller being configured to display said menu in response to said
6 activation signal.

1 5. (original) The system of claim 1 wherein said pointing device is a touchpad.

1 6. (original) The system of claim 5 further comprising means for detecting a tap
2 on said touchpad, and sending an additional control signal in response to said tap.

1 7. (canceled)

1 8. (canceled)

1 9. (original) The system of claim 1 wherein said pointing device is mounted in a
2 remote control unit, and further comprising:

3 a wireless transmitter mounted in said remote control unit; and

4 a wireless receiver coupled to said video controller.

1 10. (currently amended) A remote control and display system comprising:

2 a video monitor including

3 a video display;

4 a video controller coupled to said video display and being responsive to an

5 input; and

6 a wireless receiver coupled to said video controller;

7 a remote control unit including

8 a pointing device, capable of generating a signal corresponding to motion

9 by an operator on said pointing device in two directions and providing said signal

10 corresponding to said motion to said input, said two directions including a first direction

11 and a second direction, wherein said motion by an operator on said pointing device

12 correlates with a cursor movement in said video display; and

13 a wireless transmitter mounted in said remote control unit;
14 said video controller being configured to display a menu, said menu including
15 volume and channel, and to select among a plurality of functions on said menu in response to a
16 signal generated which corresponds to motion by the operator in the first direction, and to vary a
17 value of a selected function in response to a signal generated which corresponds to motion by the
18 operator in the second direction, wherein said motion in the first direction is a movement by the
19 operator on said pointing device and said motion in the second direction is another movement by
20 the operator on said pointing device,
21 wherein said menu items are vertically arranged on said display; and
22 selection of a menu item activates a horizontal display corresponding to values of
23 the selected menu item.

1 11. (currently amended) A remote control and display system comprising:
2 a video monitor including
3 a video display;
4 a video controller coupled to said video display and being responsive to an
5 input; and
6 a wireless receiver coupled to said video controller;
7 a remote control unit including
8 a touchpad, capable of generating a signal corresponding to motion by an
9 operator relative to said pointing device in two directions and providing said signal
10 corresponding to said motion to said input, said two directions including a substantially
11 vertical direction and a substantially horizontal direction, wherein said motion by an
12 operator relative to said touchpad correlates with a cursor movement in said video
13 display; and
14 a wireless transmitter mounted in said remote control unit;
15 said video controller being configured to display a menu, said menu including
16 volume and channel, and to

17 select among a plurality of functions on said menu in response to a user
18 input to said touchpad in the substantially vertical direction, causing a horizontal value
19 display for a selected function to be activated,
20 and to move an indicator horizontally along said horizontal value display
21 in response to a user input to said touchpad in the substantially horizontal direction to
22 vary a value of said selected function,
23 and to select a currently indicated value upon termination of contact with
24 said touchpad by a user.

1 12. (previously presented) The system of claim 1, wherein the motion by the
2 operator on the pointing device includes motion by the operator relative to a pointing surface of
3 the pointing device.

1 13. (previously presented) The system of claim 1, wherein the motion by the
2 operator on the pointing device comprises sliding motion on the pointing device.

1 14. (previously presented) The system of claim 10, wherein the motion by the
2 operator on the pointing device includes motion by the operator relative to a pointing surface of
3 the pointing device.

1 15. (previously presented) The system of claim 10, wherein the motion by the
2 operator on the pointing device comprises sliding motion on the pointing device.

1 16. - 23. (canceled)

2 24. (currently amended) A controlled display system comprising:
3 a video display;
4 a video controller coupled to said video display and being responsive to an input;
5 a remote unit;
6 a pointing device, mounted on said remote unit, said pointing device being
7 capable of generating a signal corresponding to motion by an operator on said pointing device in

8 two directions and providing said signal corresponding to said motion to said input, wherein said
9 motion by an operator on said pointing device correlates with a cursor movement in said video
10 display, said two directions including a first direction and a second direction;

11 said video controller being configured to display a menu, said menu including a
12 plurality of functions including at least one of volume and channel, and to select among items on
13 said menu in response to a signal generated which corresponds to motion by the operator on said
14 pointing device in the first direction, and to vary a value of a selected menu item in response to a
15 signal generated which corresponds to motion by the operator on said pointing device in the
16 second direction, said aspect including at least one of channel number and amount of volume.

1 25. (currently amended) A controlled display system comprising:

2 a video display;

3 a video controller coupled to said video display and being responsive to a video
4 controller input;

5 a remote unit capable of generating a signal corresponding to motion by an
6 operator in two directions and transmitting said signal to said video controller input, wherein said
7 motion by an operator correlates with a cursor movement in said video display, said two
8 directions including a first direction and a second direction;

9 said video controller being configured to display a menu, said menu including
10 volume and channel, and to select among a plurality of functions on said menu in response to a
11 first signal received at said video controller input which corresponds to motion by the operator in
12 the first direction, and to vary a value of a selected function in response to a second signal
13 received at said video controller input which corresponds to motion by the operator in the second
14 direction.

1 26. (previously presented) The system of claim 25 wherein said remote control
2 further comprises:

3 a pointing device, mounted on said remote unit, said pointing device being
4 capable of generating said signal corresponding to motion by an operator, said motion being
5 motion by said operator on said pointing device in two directions.

1 27. - 29. (canceled)

1 30. (new) A remote control comprising:

2 a controller capable of generating a signal corresponding to motion by an operator
3 in two directions and transmitting a control signal corresponding to said motion, said two
4 directions including a first direction and a second direction;

5 wherein said control signal controls a plurality of functions including at least one
6 of a volume and a channel on a receiving device;

7 wherein said control signal varies a value of said function in response to motion
8 by the operator in one of said first and second directions.

1 31. (new) The remote control of claim 30 wherein said remote control further
2 comprises:

3 a pointing device, mounted on said remote unit, said pointing device being
4 capable of generating said signal corresponding to motion by an operator, said motion being
5 motion by said operator on said pointing device in two directions.

1 32. (new) A method for generating control signals to a receiving device having a
2 display, comprising:

3 generating a control signal corresponding to motion by an operator in two
4 directions, said two directions including a first direction and a second direction;

5 transmitting said control signal corresponding to said motion to said receiving
6 device;

7 controlling, in response to said control signal, one of a plurality of functions
8 including at least one of a volume and a channel on said receiving device; and

9 varying a value of said function in response to motion by the operator in one of
10 said first and second directions.